

LONG CREEK

THIS RUN EXECUTED 04 AUG 81 15.49.17

 HEC2 RELEASE DATED NOV 76 UPDATED APRIL 1980
 ERROR CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

T1 LONG CREEK
 T2 PENDER CO N.C.
 T3 10-YEAR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	FVINS	G	WSEL	FG		
	-0.	2.	-0.	-0.	.000150	-0.	-0.	-0.	2.000	-0.		
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLCC	IBL	CHNIM	ITRACE		
	-0.	-0.	-.100	-0.	-0.	-0.	-0.	-0.	-0.	-0.		
J3	VARIABLE CODES FOR SUMMARY PRINTOUT											
	110.000	201.000	200.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.		
J6	IMLEG	ICOPY										
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.		
NC	.200	.200	.090	.100	.300	-0.	-0.	-0.	-0.	-0.	-0.	-0.
QT	5.000	3640.000	6540.000	8170.000	13025.000	8170.000	-0.	-0.	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.	-0.	-0.
X1	1.000	24.000	2135.000	2272.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
X4	1.000	4.100	572.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	10.000	0.	2.800	872.000	2.400	1672.000	1.600	1972.000	2.600	2135.000		
GP	1.700	2139.000	-8.500	2139.000	-13.900	2152.000	-23.300	2172.000	-28.300	2187.000		
GR	-16.900	2207.000	-13.000	2227.000	-6.300	2247.000	-1.200	2267.000	1.700	2270.000		
GR	2.900	2272.000	6.100	2311.000	6.100	2315.000	3.300	2372.000	1.900	2472.000		
GR	2.000	2672.000	2.700	2772.000	4.100	2872.000	10.000	2900.000	-0.	-0.		
QT	5.000	2995.000	5440.000	6825.000	10975.000	6825.000	-0.	-0.	-0.	-0.		
X1	15.000	14.000	2042.000	2163.000	4500.000	5400.000	6900.000	-0.	-0.	-0.	-0.	-0.
X4	1.000	10.000	1133.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	20.000	0.	2.200	1663.000	2.200	2142.000	2.100	2343.000	-15.400	2063.000		
GR	-19.900	2083.000	-19.400	2103.000	-13.700	2123.000	-12.900	2143.000	2.100	2162.000		
GR	2.300	2163.000	2.600	2563.000	10.000	3163.000	20.000	6000.000	-0.	-0.		

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T1 LONG CREEK
 T2 PENDER CO N.C.
 T3 50

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	FVINS	Q	MSEL	FQ
	-0.	3.	-0.	-0.	.000150	-0.	-0.	-0.	2.000	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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T1 LONG CREEK
 T2 PENDER CO N.C.
 T3 100

J1	ICHECK	ING	NINV	IDIR	GTRT	METRIC	FVINS	D	WSEL	FG
	-0.	4.	-0.	-0.	.000170	-0.	-0.	-0.	2.000	-0.
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALDC	IBW	CHNIM	ITRACE
	3.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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T1 LONG CREEK
 T2 PENDER CO N.C.
 T3 500

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	TVINS	Q	WSEL	FG
	-0.	5.	-0.	-0.	.000160	-0.	-0.	-0.	2.000	-0.
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

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 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

AR FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CYSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	4.25	2.25	4.28	2251.57	335.10	3175.64	129.26	0.	0.	2135.00	2272.00	0.
1.000	7.17	5.17	7.19	2612.15	1834.12	4054.12	651.76	0.	0.	2135.00	2272.00	0.
1.000	8.04	6.04	8.06	2700.68	2637.76	4601.29	930.95	0.	0.	2135.00	2272.00	0.
1.000	10.97	8.97	10.99	2900.00	5582.91	5539.09	1902.99	0.	0.	2135.00	2272.00	0.
15.000	5.14	0.	5.16	1477.80	217.32	2562.19	215.50	0.	0.	2042.00	2163.00	0.
15.000	8.07	0.	8.09	2111.03	652.32	3574.97	1012.71	0.	0.	2042.00	2163.00	0.
15.000	9.03	0.	9.06	2320.69	1218.64	4102.17	1504.19	0.	0.	2042.00	2163.00	0.
15.000	11.89	0.	11.91	3186.35	2518.36	5011.48	3445.16	0.	0.	2042.00	2163.00	0.
14.100	5.48	0.	5.50	1551.63	249.83	2489.80	255.37	0.	0.	2042.00	2163.00	0.
14.100	8.47	0.	8.48	2197.67	903.57	3444.95	1091.48	0.	0.	2042.00	2163.00	0.
14.100	9.48	0.	9.50	2418.30	1281.05	3937.53	1606.43	0.	0.	2042.00	2163.00	0.
14.100	12.34	0.	12.36	3342.13	2585.84	4804.57	3504.59	0.	0.	2042.00	2163.00	0.
14.200	5.53	0.	5.64	133.51	0.	2995.00	0.	0.	0.	2553.00	2727.00	0.
14.200	8.50	0.	8.69	147.61	0.	5440.00	0.	0.	0.	2553.00	2727.00	0.
14.200	9.51	0.	9.76	152.46	0.	6825.00	0.	0.	0.	2553.00	2727.00	0.
14.200	12.35	0.	12.75	174.00	0.	10975.00	0.	0.	0.	2553.00	2727.00	0.
14.300	5.53	0.	5.64	133.52	0.	2995.00	0.	0.	0.	2553.00	2727.00	0.
14.300	8.50	0.	8.70	147.69	0.	5440.00	0.	0.	0.	2553.00	2727.00	0.
14.300	9.52	0.	9.77	152.53	0.	6825.00	0.	0.	0.	2553.00	2727.00	0.
14.300	12.36	0.	12.76	174.00	0.	10975.00	0.	0.	0.	2553.00	2727.00	0.
14.400	5.65	0.	5.68	936.96	12.21	2979.60	3.18	0.	0.	909.00	1030.00	0.
14.400	8.72	0.	8.77	1602.76	494.21	4431.02	514.76	0.	0.	909.00	1030.00	0.
14.400	9.81	0.	9.86	1839.19	843.45	5038.68	942.87	0.	0.	909.00	1030.00	0.
14.400	12.85	0.	12.91	2498.24	2137.09	6125.16	2712.76	0.	0.	909.00	1030.00	0.

FLOODWAY DATA AR FLOOD
 PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	2612.	13082.	.5	7.2	4.3	2.9
15.000	2111.	10409.	.5	8.0	5.1	2.9
14.100	2198.	11271.	.5	8.5	5.5	3.0
14.200	148.	1545.	3.5	8.5	5.5	3.0
14.300	146.	1547.	3.5	8.5	5.5	3.0
14.400	1603.	6051.	.9	8.7	5.6	3.1

FLOODWAY DATA, AR FLOOD
 PROFILE NO. 3

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	2701.	15395.	.5	8.1	4.3	3.8
15.000	2321.	12554.	.5	9.0	5.1	3.9
14.100	2418.	13622.	.5	9.5	5.5	4.0
14.200	152.	1697.	4.0	9.5	5.5	4.0
14.300	153.	1699.	4.0	9.5	5.5	4.0
14.400	1839.	7930.	.9	9.8	5.6	4.2

FLOODWAY DATA, AR: FLOOD
 PROFILE NO. 4

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	2900.	23692.	.5	11.0	4.3	6.7
15.000	3186.	20304.	.5	11.8	5.1	6.7
14.100	3342.	21769.	.5	12.4	5.5	6.9
14.200	174.	2161.	5.1	12.3	5.5	6.8
14.300	174.	2162.	5.1	12.3	5.5	6.8
14.400	2498.	14529.	.8	12.8	5.6	7.2

THIS RUN EXECUTED 04 AUG 81 15.47.06

 HEC2 RELEASE DATED NOV 76 UPDATED APR 1980
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T1 LONG CREEK
 T2 PENDER CO N.C.
 T3 100 YEAR FLOOD

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-0.	4.	-0.	-0.	-0.	-0.	-0.	-0.	8.040	-0.
J2	NPRDF	IPLT	PRFVS	XSECV	XSECH	FN	ALLCC	IBW	CHNIM	ITRACE
	-0.	-0.	-0.100	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	201.000	200.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
J6	IHLG	ICOPY								
	1.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.	-0.
NC	.200	.200	.090	.100	.300	-0.	-0.	-0.	-0.	-0.
QT	5.000	3640.000	6540.000	8170.000	13025.000	8170.000	-0.	-0.	-0.	-0.
ET	-0.	-0.	-0.	-0.	-0.	10.400	-0.	-0.	-0.	-0.
X1	1.000	24.000	2135.000	2272.000	-0.	-0.	-0.	-0.	-0.	-0.
X4	1.000	4.100	572.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GR	10.000	0.	2.800	872.000	2.400	1672.000	1.800	1972.000	2.600	2135.000
GR	1.700	2139.000	-8.500	2139.000	-13.900	2152.000	-23.300	2172.000	-28.300	2187.000
GR	-16.900	2207.000	-13.000	2227.000	-6.300	2247.000	-1.200	2267.000	1.700	2270.000
GR	2.900	2272.000	6.100	2311.000	6.100	2315.000	3.300	2372.000	1.900	2472.000
GR	2.000	2672.000	2.700	2772.000	4.100	2872.000	10.000	2900.000	-0.	-0.
QT	5.000	2995.000	5440.000	6825.000	10975.000	6825.000	-0.	-0.	-0.	-0.
X1	15.000	14.000	2042.000	2163.000	4500.000	5400.000	6900.000	-0.	-0.	-0.
X4	1.300	10.000	1133.000	-0.	-0.	-0.	-0.	-0.	-0.	-0.
GK	20.000	0.	2.200	1663.000	2.200	2042.000	2.100	2043.000	-15.400	2063.000
GR	-19.900	2083.000	-19.400	2103.000	-13.700	2123.000	-12.900	2143.000	2.100	2162.000
GR	2.300	2163.000	2.600	2563.000	10.000	3663.000	20.000	6000.000	-0.	-0.

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T1 LONG CREEK
T2 PENDER COUNTY
T3 FLOODWAY

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J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	FVINS	0	WSEL	FG
	-0.	6.	-0.	-0.	-0.	-0.	-0.	-0.	9.040	-0.
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALDGC	IBW	CHNIM	ITRACE
	15.000	-0.	-1.000	-0.	-0.	-0.	-1.000	-0.	-0.	-0.

IHLEQ = 1. THEREFORE FRICTION LOSS (FL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

EAR FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROE	PERENC	STENCL	STCHL	STCHR	STENCR
1.000	8.04	0.	8.06	2700.68	2637.75	4601.31	930.94	0.	0.	2135.00	2272.00	0.
1.000	9.04	1.00	9.06	1621.01	2763.63	4957.38	448.99	.16	903.12	2135.00	2272.00	2524.13
15.000	9.03	0.	9.06	2320.68	1218.63	4102.18	1504.19	0.	0.	2042.00	2163.00	0.
15.000	10.04	1.01	10.07	1007.10	983.26	4407.11	1434.63	.15	1699.04	2042.00	2163.00	2706.14
14.100	9.48	0.	9.50	2418.30	1281.04	3937.53	1606.42	0.	0.	2042.00	2163.00	0.
14.100	10.49	1.01	10.51	1063.75	1042.88	4224.32	1557.80	.16	1684.74	2042.00	2163.00	2748.49
14.200	9.51	0.	9.76	152.46	0.	6825.00	0.	0.	0.	2553.00	2727.00	0.
14.200	10.51	1.00	10.72	157.25	0.	6825.00	0.	0.	2553.00	2553.00	2727.00	2727.00
14.300	9.52	0.	9.77	152.53	0.	6825.00	0.	0.	0.	2553.00	2727.00	0.
14.300	10.52	1.00	10.73	157.29	0.	6825.00	0.	0.	0.	2553.00	2727.00	0.
14.400	9.81	0.	9.86	1839.18	843.45	5038.68	942.87	0.	0.	909.00	1030.00	0.
14.400	10.75	.94	10.81	705.49	565.26	5483.68	776.05	.16	671.91	909.00	1030.00	1377.41

FLOODWAY DATA, EAR FLOOD
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
1.000	1621.	12754.	.6	9.0	8.0	1.0
15.000	1007.	9513.	.7	10.0	9.0	1.0
14.100	1064.	10371.	.7	10.5	9.5	1.0
14.200	157.	1853.	3.7	10.5	9.5	1.0
14.300	157.	1854.	3.7	10.5	9.5	1.0
14.400	705.	5673.	1.2	10.7	9.8	.9